

Road Challenge

OK, get ready to take the road challenge. Each time you meet the challenge you'll be awarded highway safety miles. Keep track of your score and add it up at the end.

1. On the divided highway seen in front of you, where is the only place that you should see a solid yellow line by itself?

(This question is worth 100 safety miles)



- a) Left
- b) Center
- c) Right

Correct Answer: a) Left

Explanation: When on a divided highway, the single yellow line should always be on your left. If it isn't, you're going in the wrong direction against the flow of traffic. You should pull off the road as soon as possible.

2. You're traveling and decide to take a side trip. It's about 50 miles to the west and your approaching a major interchange. Choose the interstate sign that will take you toward your destination.

(This question is worth 100 safety miles)

- a) Interstate 15
- b) Interstate 20
- c) Interstate 7



Correct Answer: b) Interstate 20

Explanation: Even-numbered routes run east-west and odd numbers run north-south. So, the route you want to travel west on is I-20. Understanding this will help you orient yourself during travel.

4. How much water needs to be on the road before it can create a hazardous situation?

(This question is worth 100 safety miles)

- a) $\frac{1}{2}$ inch
- b) $\frac{1}{100}$ inch
- c) $\frac{1}{1000}$ inch

Correct Answer: c) $\frac{1}{1000}$ of inch

Explanation: It can take as little as $\frac{1}{1000}$ of an inch of water on the road to loosen dirt and oil that can create potentially hazardous situations.

4. A loaded freight train with 150 cars traveling 50 miles per hour must come to a stop. What is the distance it will take the train to stop?

(This question is worth 100 safety miles)

- a) 3000 feet
- b) 1.5 miles
- c) 3 miles

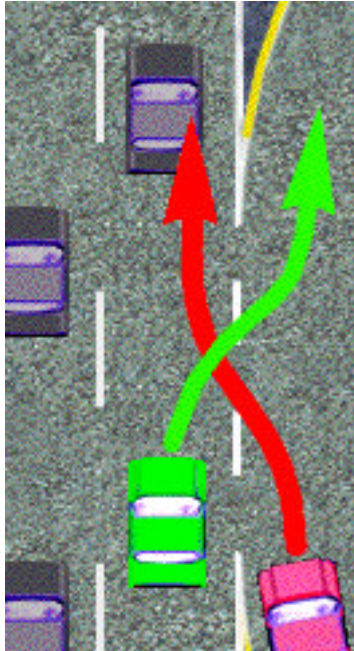
Correct answer: b) 1.5 miles

Explanation: Trains take much further to stop than many people think. In this case it would take 1.5 miles, and remember, trains can't swerve to avoid a collision.

5. The red car is preparing to enter the highway just as the green car is preparing to exit. There is a danger that they could collide. Choose the vehicle that has the right of way in this situation.

(This question is worth 100 safety miles)

- a) Red car
- b) Green car



Correct Answer: b) Green car

Explanation: When a vehicle is entering a highway at the same time that another vehicle is exiting, the vehicle that is exiting has the right of way.

6. You are driving in the center lane of a divided highway and you realize you should get off at the next exit. Look at the green guide sign and choose the lane you should be in to exit.

(This question is worth 100 safety miles)

- a) Left
- b) Center
- c) Right



Correct Answer: a) Left

Explanation: The location of the exit panel often indicates on which side of the highway the exit is located. In this case it is on the left. Knowing this will give you plenty of time to move safely into the correct lane.

7. You are driving along and notice that new traffic is entering the highway in a new lane ahead. Choose the sign that indicates this traffic situation. (This question is worth 100 safety miles)



Correct Answer:

Explanation: The lane-added warning sign tells you that traffic entering the highway does not have to merge with through traffic because the ramp becomes an added highway lane.

8.

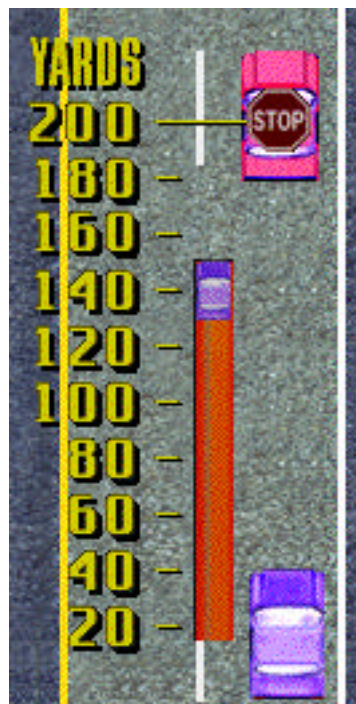
Part 1)

It's a sunny day and you're driving 60 miles an hour down the highway. If the vehicle in front of you suddenly stops, what is the distance it will take you to come to a complete stop?

(This question is worth 50 safety miles)

- a) 100 feet
- b) 150 yards
- c) .25 mile

Correct Answer: b) 150 yards.



Explanation: Individual reaction times and conditions vary, but at 60 miles an hour you should count on it taking your car taking up to 150 yards to stop. This is about 1 and a half football fields.

Part 2) You're still traveling at 60 miles an hour on the same highway, but now it is wet. How many yards will it take you to come to a complete stop? (This question is worth 50 safety miles)

- a) 150 yards
- b) 175 yards
- c) 215 yards

Correct answer: c) 215 yards



Explanation: You should count on it taking your car about 50% further to stop in rain slick conditions. In this case it's almost 217 yards.

9. You have just entered Interstate 12 and have begun to notice that the numbers on the mile markers are decreasing. Choose the direction in which you are traveling.

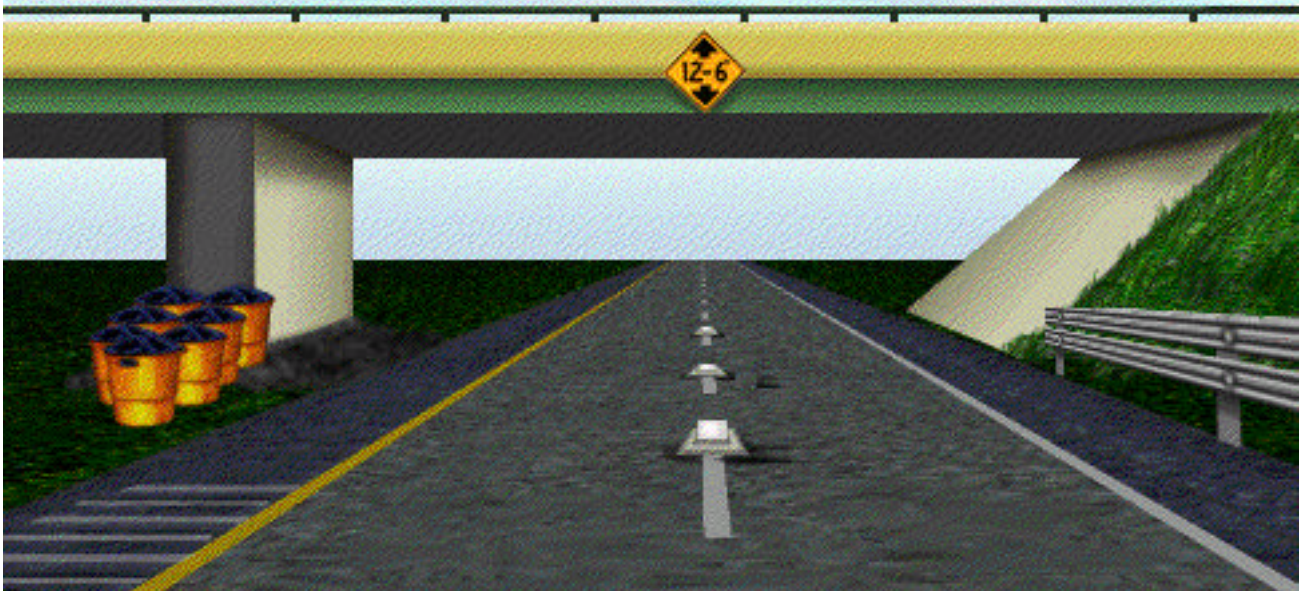
(This question is worth 100 safety miles)

- a) East
- b) South
- c) West

Correct Answer: c) West

Explanation: The numbers on mile markers get smaller as you travel east to west or north to south. In this case you would be traveling west. Remember Interstate 12 is an east-west route because it is an even number.

10. Highway safety features are all around us. Find as many highway safety features as you can.
(This question is worth 100 safety miles)



You should have found 5.



For each one you found, give yourself 20 safety miles.

Now add up all your points to see where you place:

650-1000 - Road Savvy

350-600 - Middle of the Road

50-300 - Road Hazard